

RED - 48 Foot Steel Cutter by Waterline Yachts

RED is a boat that people remember...

Her name, her color, her beauty, her functionality. Once you've seen **RED** you'll never forget her.

RED, a modern design, custom, steel cutter, was professionally built by *Waterline Yachts* of Sidney, British Columbia, Canada. Waterline vessels are distinctive, widely known, and highly regarded among the cruising fleet as some of the finest long-distance cruising sailboats in the world.

RED will complete a Pacific cruise in June, 2006. **RED** has been well maintained, is superbly equipped for cruising the tropics or high latitudes in safety and comfort, and will be ready to immediately depart on another extended cruise.



January, 2004: **RED** sailing fast near Port Arthur, Tasmania. (Photo courtesy of Beth Leonard)

Builder: *Waterline Yachts, Sidney, BC, Canada*
Designer: *Ed Rutherford*
Hull/Deck Material: *Steel*
Type: *Sail, Cutter*
LOA: *48' / 14.7 meters*
LWL: *43' / 13.1 meters*
Beam: *13' 8" / 4.2 meters*
Draft: *6' 6" / 2 meters*
Displacement: *37,500 pounds / 17,010 kilograms*
Ballast (keel & lead): *11,850 pounds / 5,375 kilograms*
Sail area: *1,122 square feet / 104.2 square meters (100% foretriangle)*
Headroom: *About 6'-5" / 1.96 meters throughout*
Tankage (Fuel): *1 - 176 gallons / 665 liters total*
Tankage (Water): *2 - 200 gallons / 756 liters total (stainless steel)*
Tankage (Holding): *1 - 20 gallons / 75 liters total (plastic)*
Engine: *Yanmar 4JH2-DTBE 88HP turbocharged diesel*
Launched: *1997*
Price: *N/A*
Date available: *N/A*
Location: *Pacific Northwest*

For considerably more information on **RED** including details, photos, travels:
To contact Beth and Kevin Hansen about **RED**:

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Engine & Drivetrain

- Yanmar 4JH2-DTBE 88 HP turbocharged diesel main engine
- Optional bronze exhaust elbow (the stock SS fitting corrodes after a couple hundred hours, bronze is forever)
- 1-1/2 inch SS shaft
- Norscott dripless shaft seal
- Shaft Saver cutlass bearing
- Martec/Autostream 22" 3-blade feathering bronze propeller
- Dual (huge) Racor 900FG fuel filters
- Vetus muffler and exhaust hose
- Jabsco electric oil-change pump
- Superb access to engine and gear

Sails & Rigging

- Custom mast by Yachtech
- Navtec rod rigging
- Schaefer 3100 furling gear
- Forespar Yachtrod rigid vang
- 20' aluminum spinnaker pole
- Harken Airblocks on all running rigging
- Harken mainsheet control track
- Permanent, positive, convenient main boom gybe prevention system
- Spectra running backstays
- 2 - #68 SS Andersen self tailing winches (primaries), convertible to electric
- 2 - #46 SS Andersen self tailing winches (mainsheet/staysail sheet/reefing)
- 2 - #46 SS Andersen self tailing winches (halyards on mast w/Spinlock clutches)
- UK 9.0 oz Cruise Dacron full-battened mainsail w/3 reefs (slab reefing)
- UK 7.3 oz Cruise Dacron 130% genoa
- UK 10.3 oz Cruise Dacron staysail
- Schattauer storm staysail

Steering

- Edson Radial Drive steering
- Autohelm Type 2 linear primary autopilot drive w/independent tiller arm
- Octopus electrical/hydraulic backup autopilot drive w/independent tiller arm

Ground Tackle

- Lighthouse 1501 DWG windlass, dual capstans and chain gypsies
- 2 - articulated SS bow roller fittings
- Center bow roller/Sampson post for snubber, kedge, or moorings
- 75 # CQR anchor & 300 feet 5/16" High-Test galvanized chain
- 66# Bruce anchor & 300 feet 5/16" High-Test galvanized chain
- 300 feet 3/4 inch nylon rode in self-draining locker forward
- Tall chain lockers (chain self-stows)
- Recessed anchor well so that mud remains in the forward area
- Large fiberglass-lined sail locker forward with 24" Lewmar hatch for access

Navigation & Instruments

- Furuno 841 36 mile radar (24" dome)
- Furuno GP-31 GPS
- Navico CORUS network instrument system w/6 configurable displays
- Navico CORUS network autopilot computer with handheld control
- Icom IC-M59 VHF
- Icom 735 HF Transceiver
- SCS PTC-lie Pactor controller (email)
- Tank Tender fuel/water level gauge
- Electrolysis monitor

Safety

- DBC 4-person valise-type liferaft
- Automatic Halon fire extinguisher
- ACR 406-type EPIRB
- Fiberglass rigid dodger, Lexan windows, speakers, white/red reading lights
- Aqua Signal tricolor/anchor light
- Hella running lights
- Xintex S-2A propane/fume detector with shutoff solenoid
- 2 - large Davis radar reflectors permanently installed on mast
- 2 - 5 pound dry fire extinguishers
- Lifesling PFD in hard case

Fixed Windows

- 6 - Large fixed windows of Pilkington Eclipse[®] reflective and neutral-tinted lamination - two 6mm layers of heat-strengthened glass and 2.2mm of PVB
- 9 - 1/2 inch acrylic fixed hull ports

Electrical

- 12 - 2 volt Global/Yuasa 45T commercial deep-cycle batteries, approximately 1,000AH total at 100 hour rate
- 4 - 85 watt solar panels with regulator
- Entec 4.2KW FWC diesel genset
- Heart Interface Link 2000-R battery monitor/charge controller
- Heart 2.5KW inverter/130 amp charger
- 150 amp Powerline alternator dedicated to charging house batteries
- 30 amp shore power service
- 3 - 12 volt outlets: galley, nav station, and beneath dodger
- 2 - 30 amp Marinetek shore power cords (total 100 feet)
- 10 - 110VAC outlets located
- 110 volt water heater with heat exchanger to engine
- Custom circuit breaker panels
- Dedicated engine starting battery
- Dedicated alternator for charging engine starting battery
- Engine/house systems are independent, including batteries, regulators, and alternators, may be connected if needed
- High-efficiency red LED night lights
- High-efficiency white LED anchor lights

Plumbing

- S-K Systems 22 gph RO watermaker
- SeaLand Vacuflush head
- Jabsco Par-Max pressurized water
- 12 gallon water heater
- Rule 3600GPH main bilge pump
- Whale Gusher sail locker bilge pump
- Jabsco Par-Max pressurized salt/freshwater deck washdown w/outlets bow and stern
- Separate fiberglass stall shower in head
- Original artwork on tempered glass shower door and mirror in head
- 200 gallons water (2 - SS tanks)

Galley

- Frigoboat 12 volt DC refrigeration
- 7.7 cubic foot SS lined fridge/freezer, with minimum 4 inches of foam (SS AURA vacuum panels in selected areas)
- Force 10 #61350 propane 3-burner range with oven/ broiler
- 2 - 20# aluminum propane tanks w/solenoid, regulator, selector valve
- Two deep SS sinks on centerline

Heat

- Webasto 2010 45,000 BTU/Hour 12 volt thermostat-controlled diesel fired hot water boiler central heating system
- Webasto system supplies hot water when boiler is in use
- Dickinson diesel cabin heater (backup)

Miscellaneous

- Steel hull/deck galvanized above waterline, interior insulated w/fire-retardant sprayed foam throughout
- Awlgrip paint (Vivid Red/Chevy White)
- UHMW-PE plastic rubrail & toerails
- Interior is light Formica w/maple trim, Roppe flooring, Naugasoft upholstery
- 30 drawers w/ball-bearing full-extension slides and pushbutton latches
- Spacious equipment room/workshop w/outstanding access to engine, genset, steering, watermaker, other equipment
- Massive interior storage capacity
- Massive storage capacity in twin lazarettes aft, including vented flammable stores locker
- 3 - Nicro day/night solar vents
- 6 - Lewmar opening ports, including two into the equipment room
- 4 - Lewmar hatches into living spaces
- 3 - Lewmar hatches into storage spaces
- SS radar arch/solar panel platform
- Hassle-free outboard hoisting/storage
- Built-in computer in navigation area
- Kenwood AM/FM/Cassette stereo
- Kenwood 10-CD cartridge CD changer
- MTX Thunder 275 stereo power amp
- Lots of spares *and much more!*